Index of Claims

| App | ı | cation/Control No | ). |
|-----|---|-------------------|----|

10/000,415 Examiner

Pankaj Kumar

KOLZE ET AL. Art Unit

Applicant(s)/Patent under Reexamination

2611

| √ , | Rejected |
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| =   | Allowed  |

| _ | (Through numeral)<br>Cancelled |  |
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|   | Restricted                     |  |

| N | Non-Elected  |
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| 1 | Interference |

| Α | Appeal   |
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| Cla      | aim      |            |  |              | Date         | е .      |                 |               | ]:::     | Cla  | aim      |              |                 | _          | Di  | ate   |                 |                      | ]     | CI    | aim        |                |                 |                 |                 | ate         | •         |                 |                |          |
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|          | a        | 7          |  | ],           |              |          |                 |               |          | l _  | <u></u>  |              |                 |            | 1   |   |                 |                      |       |       | a          | li             |                 |                 | - 1             | 1           | - 1       |                 | - 1            |          |
| Final    | Original | 7/30/07    |  |              |              |          |                 |               |          | Final  | Original |              |                 | -          |   |   |                 |                      |       | Finat | Original   |                |                 |                 |                 |             |           |                 |                |          |
| ፲፫       | Ö        | 73         |  | 1            | 1            |          |                 |               |          | ίŒ   | ō        |              |                 | -          |   |   | 1 1             | ŀ                    |       | ίΞ    | ő          |                |                 |                 |                 |             | - 1       | - 1             |                |          |
| $\sqcup$ |          | ·          |  |              | ļ            |          | $\sqcup$        |               | _        | L  |          |              |                 | _          | _   |   | -               |                      |       |       |            | $\Box$         | _               | _               |                 |             | $\dashv$  | _               | _              | _        |
| $\vdash$ | 1_       | -          |  | ļ            | <u> </u>     |          | -               | _   _         | 4        | <u></u>  | 51       | Ш            | _               | <b></b>  - | 4   |   | +               | _                    |       |       | 101        |                | _               | <del>_</del> i  |                 |             | $\dashv$  | _               | 4              | _        |
| $\vdash$ | 2        | <u>  -</u> | <del></del>                                      | $\vdash$     | ـــ          | Ш        | $\vdash \vdash$ |               | 4        |  | 52       |              |                 | _          | $\dashv$  | 4.  | 1-1             |                      | 4     |       | 102        |                |                 |                 |                 |             |           | -               | 4              |          |
|          | 3        | <u> </u>   | -  | ⊢            | ⊢            | +4       | $\vdash$        |               | -1:::    |  | 53       |              | -               |            | -   |   | +               |                      | -     |       | 103        |                | <u></u>         | $\dashv$        |                 | _           |           | $\dashv$        |                | $\dashv$ |
| $\vdash$ | 4        | -          | $\vdash\vdash$                                   | ┼            | ├            |          | -               |               | -        |  | 54       |              |                 |            | -   |   | -               |                      | 4:::: |       | 104        |                |                 | $\dashv$        |                 |             | $\dashv$  | -               | -              | $\dashv$ |
| $\vdash$ | 5        | -          |  | ╄            | $\vdash$     |          | -               |               | -        |  | 55       |              |                 | $\dashv$   | -   | -   |                 |                      | -     |       | 105        |                | _               | $\dashv$        | ⊣               |             | — <u></u> | +               | $\dashv$       | ᅴ        |
|          | 6        | Ŀ          | $\vdash$   | ╀            | ├            | $\vdash$ | $\vdash$        | -             | -::::    |  | 56<br>57 |              |                 | -+         | +   |   | +-+             |                      | -     |       | 106<br>107 |                |                 |                 | <del> </del>    | ∤           | ᆛ         | +               | +              | {        |
|          | 7        | ·          | -+-  | ╁            | ┼            |          | ┝               |               | -        |  | 58       |              |                 | $\dashv$   | +   | +   | $+\cdots$       |                      | -     |       | 107        | -              | -               |                 | -               |             |           |                 | +              | $\dashv$ |
|          | 8        | <u> </u>   |  | ╁            | ╁            | $\vdash$ | ├─├             |               | -        |  |          | _            | $\dashv$        | $\dashv$   | +   | +   | +               |                      | -     |       |            | $\vdash$       | $\dashv$        | $\dashv$        | $\dashv$        | $\dashv$    |           | -+              | +              | $\dashv$ |
| <u> </u> | 9        | ٠          |  | ╀            | ₩            | $\vdash$ | ┝┼              | - -           | -        | <u> </u>   | 59       | -            | -               | $\dashv$   | $\dashv$  |   | +               |                      | -     |       | 109<br>110 |                | -               | $\dashv$        | $\dashv$        | $\dashv$    | $\dashv$  | $\dashv$        | +              | $\dashv$ |
|          | 10<br>11 | -          | ├  | ╁            | ╁            | $\vdash$ | $\vdash$        | $\dashv$      | -        | <del></del>                                      | 60<br>61 | $\vdash$     | ⊢┼              | $\dashv$   | +   | +   | ╁╾┼             |                      | -     |       | 111        | $\vdash$       | $\vdash \vdash$ | -+              | $\dashv$        | -           |           | <b>-</b> -⊦     |                | $\dashv$ |
| <b>—</b> | 11       | -          | $\vdash$   | ╁            | ╁            | $\vdash$ | $\vdash$        |               | -        | ļ  | 62       |              | $\vdash$        | -+         |   |   | +               | <del></del> -        | -     |       | 112        | $\vdash\vdash$ | $\vdash$        | $\dashv$        | $\dashv$        |             |           | -               | -              | $\dashv$ |
| $\vdash$ | 13       | ÷          |  | +            | ₩            | +        | <del> -</del> + | $\dashv$      | -        | <u> </u>   | 63       | -            |                 | -+         | +   | +   | +               | +                    | -     | —     | 113        | Н              | $\vdash \vdash$ |                 | _               |             | -         | $\dashv$        | -+             | -        |
| $\vdash$ | 14       | ÷          | $\vdash\vdash$                                   | ╁            | ┼            | $\vdash$ | ╀               | $\dashv$      | -        |  | 64       | -            | <del></del>     | -          | +   | ┽   | ++              | $\dashv$             | -     |       | 114        | $\vdash$       | ├─┼             | -               | -               |             |           | $\dashv$        | $-\dagger$     | $\dashv$ |
| $\vdash$ | 15       | ÷          | $\vdash\vdash$                                   | ╁            | ÷            | Н        | $\vdash$        | $\dashv$      | -        |  | 65       | H            | $\dashv$        | -+         | +   | +   | ++              | $-\vdash$            | -     |       | 115        | $\vdash$       | $\vdash \vdash$ | -+              |                 |             |           | +               | -              | $\dashv$ |
| $\vdash$ | 16       | -          | $\vdash$   | +            | +            | $\vdash$ | ┝               | +             | -        |  | 66       | H            | $\vdash \vdash$ | -+         | $\dashv$  | +   | ┿               |                      | -     |       | 116        | $\vdash$       | $\vdash$        | $\dashv$        | $\dashv$        | <b>-</b> -∤ | -         | -+              | -              | $\dashv$ |
| $\vdash$ | 17       | -          | $\vdash$   | +            | +            | Н        | ┝╼┼             |               | -        |  | 67       | $\vdash$     | $\vdash$        | -          |   |   | ╅               |                      | 1:::: |       | 117        | $\vdash$       | $\vdash$        | -               | -               |             |           | +               | $\dashv$       | $\dashv$ |
| 1        | 18       | =          | $\vdash$   | ╁            | ┿            | ╂╌┤      | <del></del> +   |               | -        |  | 68       | _            | $\dashv$        | $\dashv$   |   |   | ++              |                      | -     |       | 118        | Н              | $\vdash$        | $\dashv$        | $\dashv$        | $-\dagger$  | -         | $\dashv$        | $\dashv$       | $\dashv$ |
| 2        | 19       | =          | $\vdash$   | ╁            | <del> </del> | ╁        | <del>├</del> ─┼ |               | -        |  | 69       | _            | $\dashv$        | $\dashv$   | +   |   | ++              |                      | -     |       | 119        | -              | $\vdash$        | $\dashv$        | $\dashv$        | $\dashv$    | $\dashv$  | $\dashv$        | $\dashv$       | $\dashv$ |
| 3        | 20       | =          | $\vdash\vdash$                                   | +-           | ┼            | $\vdash$ | ┝╼┼             |               | -        |  | 70       | $\vdash$     | $\dashv$        | $\dashv$   | -   |   | +               | -                    | -     |       | 120        | Н              | $\vdash$        | $\dashv$        | -               | -           | ᅱ         | $\dashv$        | +              | $\dashv$ |
| 13       | 21       | =          | $\vdash$   | ╁            | ╁            | Н        | ┨─┼             |               | -        |  | 71       |              | $\vdash$        |            | -   | +   | +               |                      | -     |       | 121        |                | -               | $\dashv$        |                 | -           |           | -               |                |          |
| 17       | 22       | =          | +  | +-           | -            | $\vdash$ | $\vdash$        | -+-           | -        |  | 72       | <del> </del> | $\dashv$        | +          | -   |   | +               |                      | -     |       | 122        | H              | H               | -               |                 |             |           | -+              | -              |          |
| 21       | 23       | =          | $\vdash$   | ╁            | ┼            | ╁╌┤      | ├               | +             | $\dashv$ |  | 73       | ┢            | ÷               | $\dashv$   | ┰   |   | +               |                      | -     |       | 123        | Н              | $\vdash$        | -               | -               | -           |           | $\dashv$        | -              | $\dashv$ |
| 25       | 24       | =          | <del>                                     </del> | ╁            | ╁            | ╀        | ╁               | $\dashv$      | -[:::    |  | 74       |              | $\dashv$        | $\dashv$   |   |   | ╅               |                      | -     |       | 124        | Н              | $\vdash$        |                 |                 | -           |           | +               | -+             | $\dashv$ |
| 4        | 25       | =          | -  | +            | ┼~           | $\vdash$ | ╁               |               | -        |  | 75       | _            | $\vdash$        | -          |   | -   | +-+             |                      | -     |       | 125        | Н              | $\vdash$        | -1              | $\dashv$        |             |           | $\dashv$        | $\dashv$       | $\dashv$ |
| 5        | 26       | =          |  | +-           | +            | $\vdash$ | $\vdash$        | $\dashv$      | -        | ├  | 76       | $\vdash$     | $\dashv$        | $\dashv$   |   | -   | +-+             | <b></b>              |       |       | 126        | Н              | H               |                 | $\dashv$        | $\dashv$    | $\dashv$  | $\dashv$        | +              | $\dashv$ |
| 6        | 27       | =          | $\vdash$   | +            | $\vdash$     | $\vdash$ | <del></del>     |               | -        |  | 77       | -            | -               | -          | +   | +-  | ╅               |                      | -     | —-    | 127        | Н              | $\vdash$        | -               |                 |             |           | -               | -              | $\dashv$ |
| 7        | 28       | =          |  | +-           | 十            | H        | ┝═┼             | $\dashv$      | ┪        | ┢  | 78       |              | $\vdash \dashv$ | _          | 十   | $\dashv$  | +               | _                    | 1:::  |       | 128        | Н              | $\vdash$        | $\dashv$        | 一               | $\dashv$    |           | <del>-</del>    | $\dashv$       | ᅥ        |
| 8        | 29       | Ξ          |  | ╁            | +-           | $\vdash$ | $\vdash$        | $\dashv$      | -        | _  | 79       | $\vdash$     | $\dashv$        | $\dashv$   | -+  |   | +               | $\dashv$             | -     | _     | 129        | -              |                 | -               |                 |             |           |                 | $\dashv$       | ᅥ        |
| 9        | 30       | =          |  | +            | +            | $\vdash$ |                 | $\dashv$      | 1        | <del>                                     </del> | 80       |              | $\dashv$        | -          | _   | $\dashv$  | +-              |                      | 1:::: |       | 130        | H              | H               |                 | $\dashv$        | 一           |           | $\dashv$        | $\dashv$       | ᅥ        |
| 10       | 31       | =          | <del>                                     </del> | ╁            | +-           |          |                 | -             | 1:::     | <del>                                     </del> | 81       | H            |                 | _          | $\dashv$  | _   | +               | -                    |       |       | 131        |                | $\vdash$        |                 |                 | ┪           |           | -†              | +              | ヿ        |
| 11       | 32       | =          | $\vdash$   | +            | T            | Н        |                 | ┪             | ٠        | <del> </del>                                     | 82       |              | $\vdash$        |            |   | - -   |                 | $\neg \vdash$        | 1     |       | 132        | М              |                 |                 | $\neg$          | —t          |           | -               | -+             | ᅱ        |
| 12       | 33       | =          | <del>                                     </del> | 1            | 1            |          |                 |               | 1        |  | 83       | Г            | $\Box$          | _          | $\top$  | $\top$  | 1               | <u> </u>             | 1     |       | 133        | П              | $\sqcap$        | $\neg$          |                 | - †         |           | 一               | — <del> </del> | ㅓ        |
| 14       | 34       | Ξ          |  | †            | †            | 1.       |                 | _             | 1        |  | 84       | 1-           | $  \neg  $      | -+         | $\dashv$  | $\top$  | 11              | +                    | 1     |       | 134        | П              | $\vdash$        | $\neg$          |                 | _           |           |                 | _              | ᅱ        |
| 15       | 35       | ▐          |  | $\top$       | T            | TT       | $\sqcap$        |               | 7        |  | 85       |              |                 |            | 7   | $\top$  | 1 1             |                      | 1     |       | 135        |                | $\Box$          | T               | $\neg$          |             |           | 寸               | 一              | ᅱ        |
| 16       | 36       | =          |  | $\top$       | T            | П        | $\Box$          | $\dashv$      |          |  | 86       | Г            |                 | $\neg$     | 十   | $\top$  | $\top \top$     |                      | 1     |       | 136        | П              |                 |                 |                 |             |           | 7               | 7              | ヿ        |
| 18       | 37       | =          |  | 1            |              | П        | $\Box$          | $\neg$        | 7        |  | 87       | Γ            |                 | _          | $\top$  | _   | $\dashv \dashv$ | $\neg \vdash$        | 1     |       | 137        | П              | $\sqcap$        | $\neg \uparrow$ | $\neg \uparrow$ |             |           | $\neg \uparrow$ | <del> </del> - | ㅓ        |
| 19       | 38       | =          |  | $\top$       | $\top$       | П        | 1-1             | -             | 7:::     |  | 88       | $\Box$       |                 | $\dashv$   | $\dashv$  | $\top$  | $\top$          | $\neg \uparrow \neg$ | 1     |       | 138        |                | $\sqcap$        | 一               |                 | $\neg$      |           | T               | $\dashv$       | ヿ        |
| 20       | 39       | =          |  | $\top$       | 1            | $\sqcap$ |                 | $\neg$        | ٦        | <u> </u>   | 89       | Γ            |                 | _          | $\dashv$  |   | 11              | $\neg \vdash$        | 1     |       | 139        | П              | П               |                 |                 | $\Box$      |           |                 | $\dashv$       | ヿ        |
| 22       | 40       | =          |  | $\top$       | T            | П        | $\sqcap$        | $\neg \vdash$ | 7        |  | 90       |              |                 | 寸          | $\dashv$  | T   | 11              |                      | 1     |       | 140        | $\Box$         | Ħ               | $\neg$          |                 |             |           | 7               | $\dashv$       | ╗        |
| 23       | 41       | =          |  | $\top$       | 1            |          | $\Box$          | $\neg$        |          |  | 91       |              | $\Box$          | $\dashv$   | T   | T   | $\top$          |                      | 1:::  |       | 141        |                |                 |                 |                 |             |           | $\exists$       | $\neg$         | ┑        |
| 24       | 42       | =          |  | 1            | 1            | П        | $\Box$          | $\neg$        | 7        |  | 92       |              |                 |            | _†  |   |                 |                      | ]:::  |       | 142        |                |                 |                 |                 |             |           | $\Box$          |                | ╗        |
| 26       | 43       | =          |  |              |              | П        |                 |               | ]:::     |  | 93       |              |                 |            |   |   |                 |                      |       |       | 143        |                |                 |                 |                 |             |           |                 |                | $\Box$   |
| 27       | 44       | =          |  |              |              |          |                 |               |          |  | 94       |              |                 |            |   |   |                 |                      | ];;;; |       | 144        |                |                 |                 |                 |             |           |                 |                |          |
| 28       | 45       | =          |  |              |              |          |                 |               |          |  | 95       |              |                 |            |   |   | $\Box$          |                      |       |       | 145        |                |                 |                 |                 |             |           |                 |                |          |
|          | 46       |            |  | Ι            |              |          |                 |               | ]::::    |  | 96       |              |                 |            |   |   |                 |                      |       |       | 146        |                |                 |                 |                 |             |           |                 |                |          |
|          | 47       |            |  | $oxed{\Box}$ |              |          |                 |               | ]        |  | 97       |              |                 |            |   |   |                 |                      |       |       | 147        |                |                 |                 |                 |             |           |                 |                |          |
|          | 48       |            |  |              |              |          |                 |               |          |  | 98       |              |                 |            | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oldsymbol{ol}}}}}}}}}}}}}} $ |                 |                      | ]     |       | 148        |                |                 |                 |                 |             |           |                 | $\Box$         | $\cdot$  |
|          | 49       |            |  |              |              |          |                 | $\Box \Box$   | ]:::     |  | 99       |              |                 |            | $oldsymbol{\bot}oldsymbol{\bot}$                  |   | $oxed{\Box}$    |                      | ]     |       | 149        |                | П               |                 |                 |             |           |                 |                |          |
| ·L       | 50       |            |  |              | L            |          |                 |               |          |  | 100      |              |                 |            |   |   | Ш               |                      |       |       | 150        |                | $\sqcup$        |                 |                 |             |           |                 |                |          |